WHAT IS CLAIMED IS:

1. A computer-based method performed in a first transaction-tax-related application,

5 the method comprising:

exchanging transaction-related data with at least a second transaction-tax-related

application according to a standardized transaction-tax interface data model.

2. The method of claim 1, wherein the first transaction-tax-related application uses a

10 first application-specific data model, the method further comprising:

mapping data elements of the first application-specific data model to data elements of the

standardized transaction-tax interface data model, or vice versa.

3. The method of claim 2, being further performed in the second transaction-tax-

15 related application, which uses a second application-specific data model, the method

comprising:

mapping data elements which are exchanged according to the standardized transaction-

tax interface model to data elements of the second application-specific data model, or vice

versa.

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4. The method of claim 3, wherein the first and second application-specific data

models are different from the standardized transaction-tax interface model.

5.   The method of claim 3, wherein the first and second application-specific data models are different from each other.

6.   The method of claim 1, wherein the first transaction-tax-related application uses a
5   first application-specific data model, said first application-specific data model corresponds to the standardized transaction-tax interface data model.

7.   A computer-based method performed in a transaction-tax-related data warehouse application, the method comprising:
10   storing transaction-related data received from at least one other transaction-tax-related application in a data warehouse according to a standardized transaction-tax data warehouse data model.

8.   The method of claim 7, comprising exchanging transaction-related data stored or to
15   be stored in the data warehouse with the other transaction-tax-related application according to a standardized transaction-tax interface data model.

9.   The method of claim 8, wherein the tax-related data warehouse data model has a set of transaction-tax-related data elements and the standardized transaction-tax interface data
20   model has a set of transaction-tax-related data elements, the set of transaction-tax-related data elements of the tax-related data warehouse data model comprises, equals or is a subset of the set of transaction-tax-related data elements of a standardized transaction-tax interface data model.

10.   The method of claim 1, wherein at least one of the first and the second transaction-tax-related transaction applications are one of the following modules:

i)   a transaction tax logging module,

5   ii) a transaction tax compliance module,

iii) a transaction tax filing module,

iv) a transaction tax calculation module,

v) a transaction tax content module, and

vi) a transaction tax database for storing transaction-related data.

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11.   The method of claim 1, wherein at least one of the first and the second transaction-tax-related applications is one of a basic and a micro service module.

12.   The method of claim 2, wherein the way the mapping is governed is defined by

15   rules that are configurable by a user.

13.   The method of claim 12, wherein the rules are implemented by a lookup table.

14.   A data record according to a standardized transaction-tax interface data model,

20   comprising transaction-related data items, for the data exchange between transaction-tax-related applications or modules.

15.   The data record of claim 14, wherein the transaction-tax interface data model, on

which the data record is based, is defined so as to provide data elements at least for a first

jurisdiction and a second jurisdiction, wherein the transaction-tax interface data model has at

least one first data element which is used for the first jurisdiction, but is not used for the second

jurisdiction, and at least one second data element which is used for the second jurisdiction, but

5   is not used for the first jurisdiction.

16.   The data record of claim 14, which is exchanged as an argument when a

transaction-tax-related application or module is invoked.

10   17.   The data record of claim 16, wherein the transaction-tax-related application or

module is invoked by an HTTP request, and the exchanged argument is an XML document

forming a part of the HTTP request.

18.   A software interface for linking a first transaction-tax-related application with at

15   least a second transaction-tax-related application, the interface being implemented such that

data are exchangeable between the first and the second transaction-tax-related application

according to a standardized transaction-tax interface data model.

19.   The software interface of claim 18, wherein the first transaction-tax-related

20   application uses a first application-specific data model, the software interface comprising a first

mapping component for mapping data elements of the first application-specific data model to

data elements according to the standardized transaction-tax interface data model, or vice versa.

20. The software interface of claim 18, wherein the second transaction-tax-related application uses a second application-specific data model, the software interface comprising a second mapping component for mapping data elements, which are exchanged according to the standardized transaction-tax interface model, to data elements of a second application-specific

5   data model, or vice versa.

21. The software interface of claim 20, wherein the first and second application-specific data models are different from the standardized transaction-tax interface model.

10   22. The software interface of claim 20, wherein the first and second application-specific data models are different from each other.

23. The software interface of claim 18, wherein the first transaction-tax-related application uses a first application-specific data model, said first application-specific data

15   model corresponds to the standardized transaction-tax interface data model.

24. A computer-based data warehouse module, configured for storing transaction-related data received from at least one other transaction-tax-related application according to a standardized transaction-tax data warehouse data model.

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25. The module of claim 24, comprising a software interface for linking the data warehouse module with at least a second transaction-tax-related application, said software interface being implemented such that data are exchangeable between the data warehouse

application module and the second transaction-tax-related application according to a standardized transaction-tax interface data model.

26.   The module of claim 25, wherein the tax-related data warehouse data model has a

5   set of transaction-tax-related data elements and the standardized transaction-tax interface data model has a set of transaction-tax-related data elements, the set of transaction-tax-related data elements of the tax-related data warehouse data model comprises, equals or is a subset of the set of transaction-tax-related data elements of the standardized transaction-tax interface data model.

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27.   The interface of claim 18, wherein at least one of the first and second transaction-tax-related transaction applications are one of the following modules:

i) a transaction tax logging service module,

ii) a transaction tax compliance module,

15   iii) a transaction tax filing module,

iv) a transaction tax calculation module,

v) a transaction tax content module, and

vi) a transaction tax database for storing transaction-related data.

20   28.   The interface of claim 18, wherein at least one of the first and second transaction-tax-related applications is one of a basic and a micro service module.

29.   The interface of claim 18, wherein the mapping component enables a user to input

and configure rules which define how the data element mapping is performed.

30. The interface of claim 29, wherein the rules are implemented via a lookup table.

5   31. The module of claim 24, wherein at least one of the first and second transaction-tax-related transaction applications are one of the following modules:

i) a transaction tax logging service module,

ii) a transaction tax compliance module,

iii) a transaction tax filing module,

10   iv) a transaction tax calculation module,

v) a transaction tax content module, and

vi) a transaction tax database for storing transaction-related data.

32. The module of claim 24, wherein at least one of the first and second transaction-tax-related applications is one of a basic and a micro service module.

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33. The module of claim 24, wherein the mapping component enables a user to input and configure rules which define how the data element mapping is performed.

20   34. The module of claim 33, wherein the rules are implemented via a lookup table.

35. A transaction-tax-related software application including an interface for linking the application with at least a second transaction-tax-related application, the interface being

implemented such that data are exchangeable between the first and the second transaction-tax-

related application according to a standardized transaction-tax interface data model.